



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>ABDT-0578/B030100</b>	Application No. <b>10/698,276</b>
	Applicant <b>Karen J. Smiley, et al.</b>	
	Filing Date <b>October 31, 2003</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
<b>CS</b>	1	Aldred, K., "Aerospace Manufacturer takes off wit Paperless Manufacturing System", <i>IEEE Solutions</i> , 1998, 55-57
	2	Chase, N., "Paperless Manufacturing Pays Off", <i>Quality</i> , November 1998, 46-47
	3	deSpautz, J., "Quantifying the Benefits of Automation", <i>ISA Transactions</i> , 1994, 33, 107-112
	4	Eckerson, W., "Paperfree Factory gets Patriot Flying", <i>Network World</i> , 8(52), 2 pages
	5	Fouhy, k. et al., "Paperless Batch Plants become a Reality", <i>Chemical Engineering</i> , 1995, 31-33
	6	Fuller, L.F. et al., "A Joint Industry_university CIM Project for University Microelectronics Manufacturing", <i>IEEE</i> , 1991, 37-40
	7	Gould, L., "Data Collection Leads to Paperless Manufacturing", <i>Managing Automation</i> , May 1993, 48-49
	8	Jain, H.K. et al., "E-R Approach to Distributed Heterogeneous Database Systems for Integrated Manufacturing", <i>Information Resources Management Journal</i> , 1992, 3(1), 21-29
	9	Johanson, D.C. et al., "Application of a B&W Developed Computer Aided Pictorial Process Planning System to CQMS for Manufacturing Process", <i>Supercollider 4</i> , 1992, 513-516
	10	Haverson, D.S., RS/6000 Drives Paperless Manufacturing", <i>Applied Solutions</i> , 21-22
EXAMINER <b>Calhoun, J</b>		DATE CONSIDERED <b>1/24/05</b>




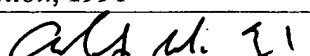
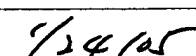
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
11	Han, M.H. et al., "Flow Control in Flexible Manufacturing: Minimization of Stockout Cost", <i>Int. J. Prod. Res.</i> , 1989, 27(4), 701-715		
12	Lindo, W., "Workflow Management und Optimierung der Geschäftsprozesse", <i>ZWF</i> , 1996, 91, 419-420		
13	Naylor, A.W. et al., "Design of Integrated Manufacturing System Control Software", <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1987, 17(6), 881-897		
14	Ram, S.N. et al., "Paperless Manufacturing for IC Assembly", <i>IEEE/SEMI Int'l Semiconductor Manufacturing Science Symposium</i> , 1992, 90-93		
15	Remson, M.G., "Paperless Manufacturing, A Challenge Now and in the Future", <i>IEEE/SEMI Int'l Semiconductor Manufacturing Science Symposium</i> , 1991, 89-94		
16	Saad, et al., "Effectiveness of Dynamic Rescheduling in Agent-Based Flexible Manufacturing Systems", <i>SPIE</i> , 3203, 88-99		
17	Vasilash, G.S., "Meeting the Future Head-on (Machinery Manufacturing)", <i>Production</i> , July 1993, 50-55		
18	Vide, J.J. et al., "FMS Work Flow Optimization", <i>Proceedings of the 1986 Summer Computer Simulation Conference</i> , 1986, 705-710		
19	von Hardenberg, P.W. et al., "Use of Integrated Knowledge-Based Systems for Helicopter Design and Manufacturing", <i>American Helicopter Society 51<sup>st</sup> Annual Forum</i> , 1995, 1-10		
20	Shop Solutions-"Islands of Automation have Paperless Links", <i>Manufacturing Engineering</i> , 1997, 134-136		
EXAMINER <i>Cal D. H. 51</i>		DATE CONSIDERED <i>1/24/05</i>	



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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
21	"Revamping Manufacturing", <i>Computer-Aided Engineering</i> , 1995, 10-11		
* 22	Min-Hong, H., "Work Flow Control in Automated Manufacturing", Georgia Institute of Technology		
23	Dewhurst, F. et al., "Towards Integrated Manufacturing Planning with Common Tool and Information Sets", <i>International Journal of Operations &amp; Production Management</i> , 2001, 21(11), 1460-1482		
24	Fung, R.Y.K. et al., "Adaptive Production Scheduling of Virtual Production Systems Using Object-Oriented Petri Nets with Changeable Structure", <i>Intl. J. Prod. Res.</i> , 2002, 40(8), 1759-1785		
25	Greenwell, R.M. et al., "Computer-aided Acquisition of Manufacturing Information", <i>Advances in Engineering Software</i> , 1994, 20, 1-12		
26	Guide, Jr., V.D.R. et al., "Rough-cut Capacity Planning for Remanufacturing Firms", <i>Production Planning &amp; Control</i> , 1997, 8(3), 237-244		
27	Hitomi, K., "Strategic Integrated Manufacturing Systems: The Concept and Structures", <i>International Journal of Production of Economics</i> , 1991, 25, 5-12		
28	Jain, H.K. et al., "E-R Approach to Distributed Heterogeneous Database Systems for Integrated Manufacturing", <i>Information Resource Management Journal</i> , 1992, 3(1), 21-29		
29	Jean-Luc, G., "Automated Shop Floor Control System and Method of Operation Thereof", <i>Patents Alert</i> , 5530857, page 87		
30	Naylor, A.W., et al., "Design of Integrated Manufacturing System Control Software", <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1987, SMC17-(6), 881-897		
EXAMINER <i>Calderone II</i>		DATE CONSIDERED <i>1/24/05</i>	

\* A copy of this reference will not be forwarded to the U.S. Patent and Trademark since it is believed to be too voluminous and easily obtainable by the Examiner



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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	31	Oreshin, K.P. et al., "Integrated Multilevel System for Control of Production of the KAMAZ Work Complex", <i>Soviet Journal of Instrumentation and Control</i> , 1983, 4, 13-15	
	32	Ouelhadj, D. et al., "A Multi-Contract Net Protocol for Dynamic Scheduling in Flexible Manufacturing Systems (FMS)", <i>Proceedings of the IEEE International Conference on Robotics &amp; Automation</i> , 1999, 1114-1119	
	33	Patkai, B., "A Cooperative Scheduling System for Paper Machinery Manufacturing", <i>IEEE</i> , 1998, 2518-2521	
	34	Ramaswamy, S.E. et al., "Deadlock-Free Schedules for Automated Manufacturing Workstations", <i>IEEE Transactions on Robotics and Automation</i> , 1996, 12(3), 391-400	
	35	Roberts, P.D. et al., "A Coordination Strategy for Integrated Operations Management and Control", <i>Abstracts</i> , 091, page 1071	
	36	Saad, A. et al., "Effectiveness of Dynamic Rescheduling in Agent-Based Flexible Manufacturing Systems", <i>SPIE</i> , Vol. 3203, 88-99	
	37	Slomp, J. et al., "A Manufacturing Planning and Control System for a Flexible Manufacturing System", <i>Robotics &amp; Computer-Integrated Manufacturing</i> , 1993, 10(1/2), 109-114	
	38	Zhu, L. et al., "FMS Job-Shop Scheduling Under Disruptions with Consideration of Time and Sequence Deviation", <i>Proceedings of the IEEE International Symposium on Intelligent Control/Intelligent Systems and Semiotics</i> , 1999, 138-143	
	39	"Integrated Manufacturing-A Challenge for the 1990s", ESPRIT Consortium AMICE, <i>Computing and Control Engineering Journal</i> , 1991, 101-102	
*	40	K. Kachigan, <i>Multivariate Statistical Analysis, A Conceptual Introduction</i> , 2 <sup>nd</sup> Edition, 1991	
EXAMINER 		DATE CONSIDERED 	

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* <b>US</b>	41	David G.T. Denison, et al., <i>Bayesian Methods for Nonlinear Classification and Regression</i> , 2002, John Wiley & Sons, Inc.,	
	42	Cox, D., "Analyzing Transformer Test Data",	
	43	Geromel, L. H. et al., "The Application of Intelligent Systems in Power Transformer Design", <i>Proceedings of the 2002 IEEE Canadian Conference on Electrical &amp; Computer Engineering</i> , 2002, 285-290	
	44	Doulamis, N.D., et al., "A Synergetic Neural Network-Genetic Scheme for Optimal Transformer Construction", <i>Integrated Computer-Aided Engineering</i> , 2002, 9, 37-56	
	45	Saravolac, M.P., "Use of Advance Software Techniques in Transformer Design", <i>The Institution of Electrical Engineers</i> , 1998, 1-11	
	46	Balma, P.M. et al., "Expert Systems for Power Transformer Maintenance, Diagnostics, and Design Review", <i>Proceedings of the American Power Conference, 58<sup>th</sup> Annual Meeting</i> , 1996, 2, 963-967	
<b>EXAMINER</b> <b>Cal A. W. I</b>		<b>DATE CONSIDERED</b> <b>1/24/05</b>	

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**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>CS</i>	47	5,311,438	05/10/94	Sellers, et al.	364	468
	48	5,463,555	10/31/95	Ward, et al.	364	468
	49	5,835,764	11/10/98	Platt, et al.	395	671
	50	6,324,259 B1	02/05/02	Sandoual	705	7
	51	6,324,523 B1	11/27/01	Killeen, Jr. et al.	705	35
	52	6,477,521 B1	11/05/02	Kuomura, et al.	707	1
	53	2001/0042092 A1	11/15/01	Kudo, et al.	709	200
	55	2002/0143598 A1	10/03/02	Scheer	705	9
	56	6,633,772	10/14/03	Ford, et al.	600	345
	57	6,636,862 B2	10/21/03	Lundahal	707	101

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
<i>CS</i>	✓	58 EP 0 567 291 A2	10/27/93	EPO		
	✓	59 EP 0 721 625 B1	04/24/02	EPO		
	✓	60 WO 95/09387	04/06/95	PCT		
	✓	61 WO 98/57285	12/17/98	PCT		
	✓	62 WO 99/15979	04/01/99	PCT		
	✓	63 WO 01/02928 A2	01/11/01	PCT		
	✓	64 WO 01/50405 A1	07/12/01	PCT		

EXAMINER

*Carl Smith*

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*1/24/05*